Claims

1. Diaphragm for implantation in the anterior section of a human eye, for the purpose of creating an artificial pupil opening, characterized in that the diaphragm consists of essentially rigid planar elements that are divided on at least one fold line (14), and that the division is bridged with an elastic material that enters into an adhesive connection with the planar elements, that allows the diaphragm to be folded in half elastically, and that the latter is suitable for unfolding back into its original position by means of its inherent elasticity.

2. Diaphragm according to claim 1, characterized by at least one straight fold line (14).

3. Diaphragm according to claim 1 or 2, characterized in that the diaphragm has a single fold line (14).

4. Diaphragm according to claim 2, characterized in that the diaphragm has two or more parallel fold lines (14).

5. Diaphragm according to one of claims 1 to 4, characterized in that the planar elements consist of dyed PMMA (polymethyl methacrylate).

6. Diaphragm according to one of claims 1 to 5, characterized in that the elastic material is silicone (polyorganosiloxane), or hydrophilic or hydrophobic acrylate.

7. Diaphragm according to one of claims 1 to 6, characterized in that the planar elements of the diaphragm are provided with holes (18) close to the edge, on both sides of the division.

8. Diaphragm according to claim 7, characterized in that the holes are round holes (18).

9. Diaphragm according to one of claims 1 to 8, characterized in that it has a central, circular diaphragm opening and can be reinforced with a fixation ring that can be inserted into the diaphragm opening.

10. Diaphragm according to claim 9, characterized in that the fixation ring can be folded.

11. Diaphragm according to claim 9 or 10, characterized in that the fixation ring has a central, circular aperture.

12. Diaphragm according to one of claims 1 to 11, characterized by a lens that can be clipped into the diaphragm opening of the diaphragm or into the aperture of the fixation ring.